

Anti-CYP7A1 antibody ab65596

★★★★★ [4 Abreviews](#) [47 References](#) [1 图像](#)

概述

产品名称	Anti-CYP7A1抗体
描述	兔多克隆抗体to CYP7A1
宿主	Rabbit
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Mouse 预测可用于: Rat, Dog, Human, Pig, Rhesus monkey 
免疫原	Synthetic peptide conjugated to KLH derived from within residues 100 - 200 of Human CYP7A1. 参阅Abcam的专有抗源政策(Peptide available as ab69726 .)
阳性对照	WB: High Fat Diet and regular Mouse Liver lysate
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
纯度	Immunogen affinity purified
克隆	多克隆

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab65596 于以下的经测试应用

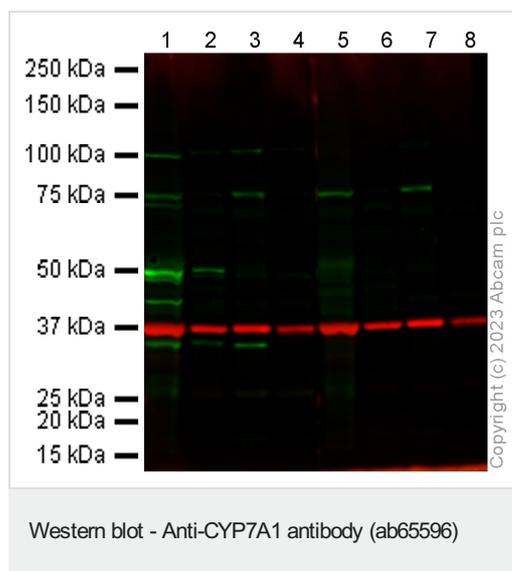
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (4)	Use a concentration of 1 µg/ml. Predicted molecular weight: 57 kDa.
ELISA		Use at an assay dependent concentration.

靶标

功能	Catalyzes a rate-limiting step in cholesterol catabolism and bile acid biosynthesis by introducing a hydrophilic moiety at position 7 of cholesterol. Important for cholesterol homeostasis.
组织特异性	Detected in liver.
通路	Lipid metabolism; bile acid biosynthesis.
序列相似性	Belongs to the cytochrome P450 family.
细胞定位	Endoplasmic reticulum membrane. Microsome membrane.

图片



All lanes : Anti-CYP7A1 antibody (ab65596) at 1 µg/ml

Lanes 1 & 5 : High Fat Diet Mouse Liver lysate

Lanes 2 & 6 : Mouse Liver lysate

Lanes 3 & 7 : Mouse Thymus lysate

Lanes 4 & 8 : Mouse Colon lysate

Lysates/proteins at 20 µg per lane.

Predicted band size: 57 kDa

Observed band size: 50 kDa

Primary antibody (Green) - ab65596 without (Lanes 1-4) and with (Lanes 5-8) immunising peptide.

Loading Control (Red) - **ab8245** at 0.1 µg/ml, all lanes.

Secondary antibody - Goat anti-Rabbit IgG H&L (IRDye® 800CW)
preabsorbed at 1/10000 dilution and Goat anti-Mouse IgG H&L
(IRDye® 680RD) preabsorbed at 1/10000 Dilution.

Blocking Buffer - 3% Milk

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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